

**From:** Agilent Technologies <tmcustomerresponse@enews.agilent.com>  
**Sent:** Wednesday, June 13, 2012 10:04 AM  
**To:** Hanchett, James (DPH)  
**Subject:** Explore accurate, cost-effective methods for MIMO OTA testing

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#### Measure the impact of your antenna on your MIMO throughput

Antenna gain and spatial correlation can have a big impact on your system performance, so you need to perform over-the-air (OTA) testing on your MIMO antenna. But what is the most cost-effective OTA method to use?

View this on-demand webcast or download the application note to explore the three main OTA test methods: the two-stage OTA method, the anechoic chamber method using multiple test probes and the reverberation chamber method. You will also learn how antenna and spatial characteristics at the MIMO transmitter and receiver can be separated into independent terms. Separating antenna gains and spatial characteristics allows you to make highly accurate OTA measurements with commercially available test instruments.

[View the on-demand webcast or download the application note: Theories, Techniques, and Validation of Over-The-Air \(OTA\) Test Methods for Evaluating the Performance of MIMO Handsets](#)

If you would prefer to [speak to an Agilent expert directly](#) regarding your immediate needs, we'd be happy to contact you.

We are committed to helping you understand MIMO technology so you can get your products to market fast. From R&D through integration and manufacturing, Agilent test equipment gives you insight into your complex signals and helps you meet your time-to-market goals.

Sincerely,

**Barry Alcorn**  
Agilent Technologies

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